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| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/721,057 | 11/24/2003 | Kyle Hanson | 291958110US2 |

25096
PERKINS COIE LLP
PATENT-SEA
P.O. BOX 1247
SEATTLE, WA 98111-1247

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MAR 17 2004

PERKINS COIE LLP

CONFIRMATION NO. 3252

FORMALITIES LETTER



OC000000012100530

Date Mailed: 03/15/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$900** for a Large Entity

| | |
|---|---|
| | 07/21/2004 MAHMED1 00000055 500665 10721057 |
| • \$770 Statutory basic filing fee. | 01 FC:1001 770.00 DA |
| • \$130 Late oath or declaration Surcharge. | 02 FC:1051 130.00 DA |

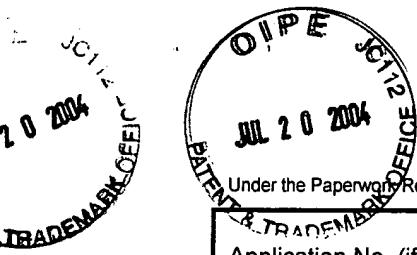
Replies should be mailed to: Mail Stop Missing Parts
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D. Segga
*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PTO/SB/92 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known):

Attorney Docket No.: 291958110US2

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

MS Missing Parts
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on July 15, 2004
Date

Signature

Edward S. Hotchkiss

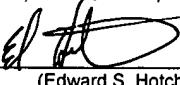
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Response To Notice To File Missing Parts Of Application
Application Data Sheet
Fee Transmittal (PTO/SB/17)

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Dated: 15 July 04

Signature: 

(Edward S. Hotchkiss)



Docket No.: 291958110US2
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hanson et al.

Application No.: 10/721,057

Confirmation No.: 3252

Filed: November 24, 2003

Art Unit: N/A

For: SEMICONDUCTOR PROCESSING
APPARATUS HAVING LIFT AND TILT
MECHANISM

Examiner: Not Yet Assigned

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts of Application – Filing Date Granted mailed March 15, 2004, Applicant respectfully submits an Application Data Sheet, the Filing Fee for the Application (as shown on accompanying Fee Transmittal), and Part 2 Copy of Notice.

Please charge our Deposit Account No. 50-0665 in the amount of \$900.00 covering the fee set forth in 37 CFR 1.16(e) and the filing fee for the subject application. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

application by this firm) to our Deposit Account No. 50-0665, under Order No. 291958110US2. A duplicate copy of this paper is enclosed.

Dated: July 15, 2004

Respectfully submitted,

By 

Edward S. Hotchkiss

Registration No.: 33,904

PERKINS COIE LLP

P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorneys for Applicant



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 1320.00)

| Complete if Known | |
|----------------------|------------------------|
| Application Number | 10/721,057-Conf. #3252 |
| Filing Date | November 24, 2003 |
| First Named Inventor | Kyle M. Hanson |
| Examiner Name | Not Yet Assigned |
| Art Unit | N/A |
| Attorney Docket No. | 291958110US2 |

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Order Other None
 Deposit Account:Deposit Account Number **50-0665**Deposit Account Name **Perkins Coie LLP**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEES CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|--------------|-----------------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 1051 | 130 | 2051 | 65 Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 Surcharge - late provisional filing fee or cover sheet. |
| 1053 | 130 | 1053 | 130 Non-English specification |
| 1812 | 2,520 | 1812 | 2,520 For filing a request for ex parte reexamination |
| 1804 | 920* | 1804 | 920* Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840* | 1805 | 1,840* Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 Extension for reply within first month |
| 1252 | 420 | 2252 | 210 Extension for reply within second month |
| 1253 | 950 | 2253 | 475 Extension for reply within third month |
| 1254 | 1,480 | 2254 | 740 Extension for reply within fourth month |
| 1255 | 2,010 | 2255 | 1,005 Extension for reply within fifth month |
| 1401 | 330 | 2401 | 165 Notice of Appeal |
| 1402 | 330 | 2402 | 165 Filing a brief in support of an appeal |
| 1403 | 290 | 2403 | 145 Request for oral hearing |
| 1451 | 1,510 | 1451 | 1,510 Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 Petition to revive - unavoidable |
| 1453 | 1,330 | 2453 | 665 Petition to revive - unintentional |
| 1501 | 1,330 | 2501 | 665 Utility issue fee (or reissue) |
| 1502 | 480 | 2502 | 240 Design issue fee |
| 1503 | 640 | 2503 | 320 Plant issue fee |
| 1460 | 130 | 1460 | 130 Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 Processing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times number of properties) |
| 1809 | 770 | 2809 | 385 Filing a submission after final rejection (37 CFR 1.129(a)) |
| 1810 | 770 | 2810 | 385 For each additional invention to be examined (37 CFR 1.129(b)) |
| 1801 | 770 | 2801 | 385 Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application |
| Other fee (specify) | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 550.00)

**or number previously paid, if greater; For Reissues, see above

| SUBMITTED BY | | (Complete if applicable) | | |
|-------------------|---------------------|--------------------------------------|--------|--------------------------|
| Name (Print/Type) | Edward S. Hotchkiss | Registration No. (Attorney/Agent) | 33,904 | Telephone (206) 359-8000 |
| Signature | | | Date | July 15, 2004 |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 15 July 04

Signature: (Edward S. Hotchkiss)